

ABSTRACT

A rotor, in particular for a rotorcraft, encompassing: a rotor head, at least one rotor blade (2), and a rotor-head-side rotor-blade connector (4; 6, 8) having an integral, bearingless, centrifugal-force-controlled blade angle adjustment device (6, 8). A rotorcraft, in particular a helicopter, in particular a tiltrotor helicopter, encompassing at least one such rotor. A method for adjusting the blade angle of a rotor blade (2) of a rotor, in particular of a bearingless rotor that possesses a rotor head and a rotor-head-side rotor-blade connector, encompassing the following steps: rotating the rotor blade (2); and automatically adjusting the blade angle (W) by twisting the rotor-head-side rotor-blade connector (4; 6, 8), and thus the rotor blade (2), about its longitudinal axis by means of centrifugal forces (F_c) acting on the rotor blade (2).